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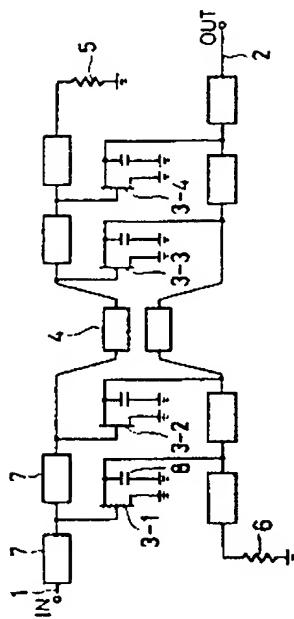
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TITLE : DISTRIBUTION TYPE AMPLIFIER



ABSTRACT : PURPOSE: To attain a wide frequency characteristic by providing a feedback circuit to a prescribed stage so as to improve the high frequency characteristic.

CONSTITUTION: A distributed type amplifier is constituted by connecting plural TRs 3-1~3-n to a microstrip line 1 connected to an input terminal IN and a microstrip line 2 connected to an output terminal OUT, and a coupling circuit comprising the microstrip lines 1, 2 is formed between field effect TRs 3-2, 3-3 as a feedback circuit 4. Moreover, the microstrip lines 1, 2 are terminated by termination resistors 5, 6 and has an inductive component 7. Thus, part of an output signal is fed back to the input side by the feedback circuit 4 and the high frequency characteristic is improved by selecting the frequency characteristic and feedback quantity of the feedback circuit 4 and a desired frequency characteristic is obtained.

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